

Lesions in Male Mice

C-31

TABLE C4
Summary of the Incidence of Nonneoplastic Lesions in Male Mice in the 2-Year Inhalation Study of Talc (continued)

	0 mg/m ³	6 mg/m ³	18 mg/m ³
Respiratory System			
Larynx	(42)	(41)	(46)
Inflammation, acute	1 (2%)		1 (2%)
Lung	(45)	(47)	(48)
Congestion	3 (7%)	1 (2%)	1 (2%)
Hyperplasia, macrophage	3 (7%)	46 (98%)	48 (100%)
Inflammation, chronic active		16 (34%)	40 (83%)
Thrombosis			1 (2%)
Alveolar epithelium, hyperplasia, focal	1 (2%)		
Peribronchiolar, inflammation, chronic active		1 (2%)	
Perivascular, inflammation, suppurative	1 (2%)		
Nose	(45)	(46)	(47)
Cytoplasmic alteration, focal	5 (11%)	23 (50%)	40 (85%)
Erosion, focal	1 (2%)	1 (2%)	2 (4%)
Inflammation, acute	4 (9%)	4 (9%)	7 (15%)
Special Senses System			
Ear	(1)		
Inflammation, granulomatous	1 (100%)		
Urinary System			
Kidney	(45)	(46)	(48)
Casts protein	1 (2%)		
Cyst	2 (4%)		
Hydronephrosis	3 (7%)	1 (2%)	
Inflammation, suppurative, focal	3 (7%)	5 (11%)	3 (6%)
Metaplasia, osseous, focal		3 (7%)	
Nephropathy, chronic	3 (7%)		2 (4%)
Capsule, inflammation, suppurative			1 (2%)
Pelvis, inflammation, suppurative	2 (4%)	5 (11%)	1 (2%)
Urinary bladder	(43)	(38)	(43)
Dysplasia, focal	1 (2%)		
Inflammation, chronic active	6 (14%)	5 (13%)	2 (5%)
Ulcer, focal			1 (2%)
Transitional epithelium, hyperplasia		1 (3%)	

^a Incidences are expressed as the ratio of animals with lesions to the number of animals examined microscopically at the site.

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**APPENDIX D
SUMMARY LESIONS IN FEMALE MICE
IN THE 2-YEAR INHALATION STUDY
OF TALC**

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Lesions in Female Mice

D-3

TABLE D1
Summary of the Incidence of Neoplasms in Female Mice in the 2-Year Inhalation Study of Talc^a

	0 mg/m ³	6 mg/m ³	18 mg/m ³
Disposition Summary			
Animals initially in study	50	50	50
Early deaths			
Moribund	2	4	4
Natural deaths	17	21	21
Survivors			
Terminal sacrifice	30	23	25
Missing	1	1	
Culled		1	
Animals examined microscopically	46	48	50
Alimentary System			
Esophagus	(43)	(47)	(48)
Gallbladder	(31)	(28)	(29)
Intestine large, cecum	(35)	(29)	(34)
Leiomyoma			1 (3%)
Intestine large, colon	(38)	(33)	(32)
Leiomyosarcoma		1 (3%)	
Intestine small, ileum	(33)	(27)	(31)
Liver	(46)	(46)	(50)
Hemangioma		1 (2%)	
Hepatocellular carcinoma	7 (15%)	5 (11%)	4 (8%)
Hepatocellular adenoma	5 (11%)	1 (2%)	4 (8%)
Mesentery	(2)		
Pancreas	(42)	(39)	(44)
Salivary glands	(46)	(48)	(50)
Hemangioma	1 (2%)		
Stomach, glandular	(45)	(39)	(46)
Cardiovascular System			
Heart	(46)	(48)	(50)
Alveolar/bronchiolar carcinoma, metastatic, lung		1 (2%)	
Endocrine System			
Adrenal gland	(46)	(45)	(50)
Spindle cell, adenoma	1 (2%)		
Adrenal gland, cortex	(46)	(44)	(50)
Adenoma	1 (2%)		
Adrenal gland, medulla	(41)	(43)	(45)
Pheochromocytoma malignant	1 (2%)		
Pituitary gland	(42)	(42)	(48)
Adenoma	5 (12%)	4 (10%)	2 (4%)
Carcinoma		2 (5%)	
Thyroid gland	(43)	(47)	(49)
Follicular cell, adenoma	1 (2%)	2 (4%)	2 (4%)

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TABLE D1
Summary of the Incidence of Neoplasms in Female Mice in the 2-Year Inhalation Study of Talc (continued)

	0 mg/m ³	6 mg/m ³	18 mg/m ³
General Body System			
Tissue NOS	(4)	(1)	(2)
Fibrosarcoma	1 (25%)		
Hemangioma	1 (25%)		1 (50%)
Hemangiosarcoma			1 (50%)
Genital System			
Ovary	(38)	(43)	(46)
Adenocarcinoma, metastatic, uterus	1 (3%)		
Adenoma	1 (3%)	1 (2%)	
Cystadenoma		1 (2%)	
Luteoma	2 (5%)		
Uterus	(44)	(45)	(49)
Adenocarcinoma	1 (2%)		
Carcinoma adenosquamous			1 (2%)
Hematopoietic System			
Bone marrow	(41)	(43)	(45)
Lymph node	(46)	(46)	(49)
Lymph node, bronchial	(38)	(37)	(43)
Adenocarcinoma, metastatic, kidney		1 (3%)	
Adenocarcinoma, metastatic, uterus	1 (3%)		
Alveolar/bronchiolar carcinoma, metastatic, lung		3 (8%)	
Lymph node, mandibular	(35)	(38)	(36)
Lymph node, mediastinal	(13)	(17)	(14)
Adenocarcinoma, metastatic, kidney		1 (6%)	
Alveolar/bronchiolar carcinoma, metastatic, lung		1 (6%)	
Lymph node, mesenteric	(35)	(31)	(37)
Spleen	(45)	(44)	(50)
Hemangiosarcoma			1 (2%)
Thymus	(40)	(40)	(41)
Alveolar/bronchiolar carcinoma, metastatic, lung		2 (5%)	
Integumentary System			
Mammary gland	(41)	(45)	(48)
Fibrosarcoma			1 (2%)
Musculoskeletal System			
Bone	(46)	(48)	(50)
Vertebra, alveolar/bronchiolar carcinoma, metastatic, lung		1 (2%)	
Nervous System			
Spinal cord			(1)
Thoracic, ganglioneuroma			1 (100%)

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Lesions in Female Mice

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TABLE D1
Summary of the Incidence of Neoplasms in Female Mice in the 2-Year Inhalation Study of Talc (continued)

	0 mg/m ³	6 mg/m ³	18 mg/m ³
Respiratory System			
Lung	(46)	(48)	(50)
Adenocarcinoma, metastatic, kidney		1 (2%)	
Alveolar/bronchiolar adenoma	3 (7%)	2 (4%)	2 (4%)
Alveolar/bronchiolar carcinoma	2 (4%)	4 (8%)	1 (2%)
Hemangiosarcoma, metastatic, tissue NOS			1 (2%)
Hepatocellular carcinoma, metastatic, liver	2 (4%)	2 (4%)	
Trachea	(40)	(36)	(45)
Special Senses System			
Harderian gland	(2)	(2)	(1)
Adenocarcinoma			1 (100%)
Adenoma	2 (100%)	1 (50%)	
Urinary System			
Kidney	(46)	(46)	(50)
Adenocarcinoma		1 (2%)	
Hepatocellular carcinoma, metastatic, liver	1 (2%)		
Urinary bladder	(44)	(40)	(41)
Systemic Lesions			
Multiple organs ^b	(46)	(48)	(50)
Lymphoma malignant histiocytic			1 (2%)
Lymphoma malignant lymphocytic	2 (4%)	3 (6%)	3 (6%)
Lymphoma malignant mixed	3 (7%)	4 (8%)	2 (4%)
Lymphoma malignant undifferentiated cell	2 (4%)		2 (4%)
Tumor Summary			
Total animals with primary neoplasms ^c	31	26	21
Total primary neoplasms	42	33	31
Total animals with benign neoplasms	18	9	10
Total benign neoplasms	23	13	13
Total animals with malignant neoplasms	19	19	15
Total malignant neoplasms	19	20	18
Total animals with metastatic neoplasms	3	5	1
Total metastatic neoplasms	5	13	1

^a Incidences are expressed as the ratio of animals with lesions to the number of animals examined microscopically at the site.

^b Number of animals with any tissue examined microscopically

^c Primary tumors: all tumors except metastatic tumors

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TABLE D2

Individual Animal Tumor Pathology of Female Mice in the 2-Year Inhalation Study of Talc: 0 mg/m³

Number of Days on Study	0	4	4	4	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7
	3	2	6	8	0	0	0	4	5	9	4	8	8	8	9	2	2	2	2	2
	0	6	5	7	5	6	9	4	2	8	1	0	3	6	2	3	9	9	9	9
Carcass ID Number	5	5	5	3	4	4	3	4	4	4	5	5	4	5	4	4	3	3	3	3
	3	0	3	7	1	2	8	1	7	7	0	2	9	0	4	9	7	8	8	8
	3	0	4	6	7	0	2	5	5	3	5	8	7	7	6	6	7	1	4	6
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Alimentary System																				
Esophagus	+	+	M	+	+	M	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Gallbladder	A	M	A	M	A	M	A	+	A	A	A	A	+	A	A	+	+	+	+	+
Intestine large	A	+	+	A	A	A	+	+	A	+	A	+	+	+	+	+	+	+	+	+
Intestine large, cecum	A	+	A	A	A	A	A	+	A	+	A	+	A	+	A	+	+	+	+	+
Intestine large, colon	A	+	A	A	A	A	+	+	A	+	A	+	+	+	+	+	+	M	+	+
Intestine large, rectum	A	M	+	M	M	A	+	+	M	A	A	M	+	+	+	+	+	+	+	M
Intestine small	A	+	A	A	A	A	+	+	A	A	A	A	+	+	+	+	+	+	+	+
Intestine small, duodenum	A	+	A	A	A	A	A	A	A	A	A	A	+	+	A	+	+	+	+	M
Intestine small, ileum	A	+	A	A	A	A	A	A	A	A	A	A	+	+	+	+	+	+	+	+
Intestine small, jejunum	A	+	A	A	A	A	+	+	A	A	A	A	+	A	+	+	+	+	+	+
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular carcinoma		X				X				X		X								X
Hepatocellular adenoma																				X
Mesentery								+												
Pancreas	+	+	A	+	A	A	+	+	+	+	+	I	+	+	+	+	+	+	+	+
Salivary glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hemangioma																				
Stomach	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, forestomach	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach, glandular	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Cardiovascular System																				
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Endocrine System																				
Adrenal gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Spindle cell, adenoma																				
Adrenal gland, cortex	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenoma																				
Adrenal gland, medulla	+	+	+	+	M	+	M	+	+	+	I	I	+	+	+	+	+	+	+	+
Pheochromocytoma malignant																				
Islets, pancreatic	+	+	M	+	A	A	M	+	I	M	I	M	I	M	+	+	+	+	+	+
Parathyroid gland	M	M	+	M	+	+	M	+	M	I	+	M	+	+	+	M	M	I	M	+
Pituitary gland	M	+	+	+	M	M	+	+	+	+	I	+	+	+	+	+	+	+	+	+
Adenoma												X	X	X						X
Thyroid gland	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular cell, adenoma																				

+: Tissue examined microscopically
A: Autolysis precludes examination

M: Missing tissue
I: Insufficient tissue

X: Lesion present
Blank: Not examined

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TABLE D2

Individual Animal Tumor Pathology of Female Mice in the 2-Year Inhalation Study of Talc: 0 mg/m³ (continued)

	0	4	4	4	5	5	5	5	5	6	6	6	6	6	7	7	7	7	7	7	7
Number of Days on Study	3	2	6	8	0	0	0	4	5	9	4	8	8	8	9	2	2	2	2	2	2
	0	6	5	7	5	6	9	4	2	8	1	0	3	6	2	3	9	9	9	9	9
	5	5	5	3	4	4	3	4	4	4	5	5	4	5	4	4	3	3	3	3	3
Carcass ID Number	3	0	3	7	1	2	8	1	7	7	0	2	9	0	4	9	7	8	8	8	8
	3	0	4	6	7	0	2	5	5	3	5	8	7	7	6	6	7	1	4	6	9
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
General Body System																					
Tissue NOS																					
Fibrosarcoma																					
Hemangioma																					
Genital System																					
Ovary	+	+	+	+	+	+	+	I	+	+	I	M	+	+	+	+	+	+	+	+	+
Adenocarcinoma, metastatic, uterus																					
Adenoma																					
Luteoma																					
Uterus	M	I	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Adenocarcinoma																					
Hematopoietic System																					
Bone marrow	+	+	A	+	A	A	+	A	A	+	+	+	+	+	+	+	+	+	+	+	+
Lymph node	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymph node, bronchial	M	+	+	+	+	M	+	M	M	+	+	+	M	+	+	+	+	+	+	+	+
Adenocarcinoma, metastatic, uterus																					
Lymph node, mandibular	+	+	M	+	+	+	+	+	+	M	+	+	M	+	+	+	+	M	M	+	+
Lymph node, mediastinal	M	M	+	M	M	M	+	M	+	M	M	+	M	+	+	+	M	M	+	M	+
Lymph node, mesenteric	M	+	+	M	M	M	+	M	M	+	+	+	I	+	+	+	M	+	+	+	+
Spleen	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Thymus	M	M	+	+	+	M	+	+	+	+	+	+	+	M	+	M	+	+	+	+	+
Integumentary System																					
Mammary gland	A	+	+	+	+	A	+	I	+	+	+	M	+	+	+	+	+	+	+	+	+
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Musculoskeletal System																					
Bone	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Nervous System																					
Brain	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

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TABLE D2

Individual Animal Tumor Pathology of Female Mice in the 2-Year Inhalation Study of Talc: 0 mg/m³ (continued)

Number of Days on Study	0	4	4	4	5	5	5	5	5	5	6	6	6	6	7	7	7	7	7	7
	3	2	6	8	0	0	0	4	5	9	4	8	8	8	9	2	2	2	2	2
	0	6	5	7	5	6	9	4	2	8	1	0	3	6	2	3	9	9	9	9
Carcass ID Number	5	5	5	3	4	4	3	4	4	4	5	5	4	5	4	4	3	3	3	3
	3	0	3	7	1	2	8	1	7	7	0	2	9	0	4	9	7	8	8	8
	3	0	4	6	7	0	2	5	5	3	5	8	7	7	6	6	7	1	4	6
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Respiratory System																				
Larynx	+	+	+	+	+	A	I	+	+	+	+	+	+	+	+	+	+	+	+	+
Lung	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/bronchiolar adenoma																	X			
Alveolar/bronchiolar carcinoma																			X	
Hepatocellular carcinoma, metastatic, liver																				
							X							X						
Nose	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Trachea	A	+	A	+	M	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+
Special Senses System																				
Harderian gland																			+	
Adenoma																			X	
Urinary System																				
Kidney	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Hepatocellular carcinoma, metastatic, liver																				
							X													
Urinary bladder	M	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Systemic Lesions																				
Multiple organs	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Lymphoma malignant lymphocytic																				
Lymphoma malignant mixed							X													
Lymphoma malignant undifferentiated cell type																			X	

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TABLE D2

Individual Animal Tumor Pathology of Female Mice in the 2-Year Inhalation Study of Talc: 6 mg/m³

	0 0 4 4 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7																							
Number of Days on Study	2 9 2 9 0 3 4 5 5 6 1 2 2 4 4 6 7 7 8 9 9 0 0 1																							
	0 2 2 1 0 4 8 4 9 4 8 1 8 1 5 5 6 8 6 2 9 9 9 2																							
<hr/>																								
	1 0 0 1 0 1 1 1 0 1 0 1 0 0 1 1 0 1 1 0 0 1 1 0																							
Carcass ID Number	1 5 1 1 5 4 7 4 1 7 2 2 5 8 3 0 5 7 3 8 6 1 4 2																							
	7 5 6 5 0 7 6 8 9 5 2 0 6 1 6 8 8 1 9 3 0 8 0 0																							
	1 1																							
<hr/>																								
Alimentary System																								
Esophagus	+	+	+	+	M	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	
Gallbladder	A	M	M	M	A	A	+	+	+	A	A	A	A	A	A	A	A	M	A	A	+	A	+	
Intestine large	A	+	A	A	A	+	A	+	+	A	+	+	A	A	A	+	A	+	A	+	A	+	A	+
Intestine large, cecum	A	A	A	A	A	A	+	+	A	A	+	A	A	A	+	A	A	A	A	A	+	A	+	
Intestine large, colon	A	A	A	A	A	+	A	+	+	A	+	+	A	A	A	+	A	+	A	+	A	+	A	+
Leiomyosarcoma																								
Intestine large, rectum	A	+	A	A	A	M	M	I	M	A	+	M	M	A	A	M	A	+	A	A	A	+	A	+
Intestine small	A	A	A	A	A	A	+	+	A	A	+	A	A	A	+	A	A	A	A	A	A	+	A	+
Intestine small, duodenum	A	A	A	A	A	A	+	+	A	A	+	A	A	A	A	A	A	A	A	A	A	+	A	+
Intestine small, ileum	A	A	A	A	A	A	+	+	A	A	+	A	A	A	A	A	A	A	A	A	A	+	A	+
Intestine small, jejunum	A	A	A	A	A	A	+	+	A	A	+	A	A	A	+	A	A	A	A	A	A	+	A	+
Liver	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Hemangioma																								
Hepatocellular carcinoma																X			X					
Hepatocellular adenoma																								
Pancreas	+	+	+	A	A	+	+	+	+	+	+	+	I	M	+	+	A	+	A	+	A	+	I	+
Salivary glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Stomach	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Stomach, forestomach	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Stomach, glandular	A	+	+	A	A	+	+	+	+	A	A	+	+	A	+	+	A	+	+	+	+	+	A	+
<hr/>																								
Cardiovascular System																								
Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Alveolar/bronchiolar carcinoma, metastatic, lung																								
<hr/>																								
Endocrine System																								
Adrenal gland	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Adrenal gland, cortex	+	+	+	A	+	+	+	+	+	+	+	+	M	+	+	+	A	+	+	+	+	+	+	+
Adrenal gland, medulla	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	A	+	+	+	+	+	+	+
Islets, pancreatic	M	I	+	A	A	I	I	+	+	M	I	M	M	M	+	+	A	+	M	I	M	M	I	I
Parathyroid gland	I	+	+	A	M	M	+	+	M	M	M	+	+	M	+	+	M	M	I	+	M	I	+	M
Pituitary gland	M	+	+	+	+	+	+	+	+	+	+	+	I	+	+	+	M	+	+	M	I	+	+	+
Adenoma																								
Carcinoma																								
Thyroid gland	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Follicular cell, adenoma																								

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D-14

Talc, NTP TR 421

TABLE D2

Individual Animal Tumor Pathology of Female Mice in the 2-Year Inhalation Study of Talc: 6 mg/m³ (continued)

Number of Days on Study	0 0 4 4 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7 2 9 2 9 0 3 4 5 5 6 1 2 2 4 4 6 7 7 8 9 9 0 0 1 0 2 2 1 0 4 8 4 9 4 8 1 8 1 5 5 6 8 6 2 9 9 9 2
Carcass ID Number	1 0 0 1 0 1 1 1 0 1 0 1 0 0 1 1 0 1 1 0 0 1 1 0 1 5 1 1 5 4 7 4 1 7 2 2 5 8 3 0 5 7 3 8 6 1 4 2 7 5 6 5 0 7 6 8 9 5 2 0 6 1 6 8 8 1 9 3 0 8 0 0 1
General Body System Tissue NOS	
Genital System	
Ovary	+ + + A + + + + + + + M + + + A + + + + + +
Adenoma	
Cystadenoma	
Uterus	+ + + A + + + + + + + + + A + A + + + + + +
Hematopoietic System	
Bone marrow	+ + + A + + A + + A + + + A + + + + + + + + +
Lymph node	M + A + + + + + + + + + + + + + + + + + + +
Lymph node, bronchial	M M M + + + M I + + M + + M + + + + M + + + + I
Adenocarcinoma, metastatic, kidney	X
Alveolar/bronchiolar carcinoma, metastatic, lung	X X X
Lymph node, mandibular	M + M M M + + + + + + + M + + + + + + M + + +
Lymph node, mediastinal	M M M + M M M M M M M + + + M M M + I M + + M
Adenocarcinoma, metastatic, kidney	X
Alveolar/bronchiolar carcinoma, metastatic, lung	X
Lymph node, mesenteric	M M A A A + M + + + + + + A + + A M M + + + +
Spleen	A + + A + + + + + + + + + + + + A + + + + + +
Thymus	M M + + + I + + + + I + + + + + M M M + I + + +
Alveolar/bronchiolar carcinoma, metastatic, lung	X X
Integumentary System	
Mammary gland	+ + + A + + + + + + + + + + + M + + + + + +
Skin	+ + + A + + + + + + + + + + + M + + + + + +
Musculoskeletal System	
Bone	+ + + + + + + + + + + + + + + + + + + +
Vertebra, alveolar/bronchiolar carcinoma, metastatic, lung	X
Nervous System	
Brain	+ + + + + + + + + + + + + + + + + + + +

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D-16

Talc, NTP TR 421

TABLE D2
Individual Animal Tumor Pathology of Female Mice in the 2-Year Inhalation Study of Talc: 6 mg/m³ (continued)

	0 0 4 4 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6 6 7 7 7
Number of Days on Study	2 9 2 9 0 3 4 5 5 6 1 2 2 4 4 6 7 7 8 9 9 0 0 1
	0 2 2 1 0 4 8 4 9 4 8 1 8 1 5 5 6 8 6 2 9 9 9 2
Carcass ID Number	1 0 0 1 0 1 1 1 0 1 0 1 0 0 1 1 0 1 1 0 0 1 1 0
	1 5 1 1 5 4 7 4 1 7 2 2 5 8 3 0 5 7 3 8 6 1 4 2
	7 5 6 5 0 7 6 8 9 5 2 0 6 1 6 8 8 1 9 3 0 8 0 0
	1 1
Respiratory System	
Larynx	+ + + A A I + + + + A + + + + + + + + + + +
Lung	+ +
Adenocarcinoma, metastatic, kidney	
Alveolar/bronchiolar adenoma	
Alveolar/bronchiolar carcinoma	X
Hepatocellular carcinoma, metastatic, liver	
Nose	+ + + + A + + + + + + + + + + + + + + +
Trachea	+ + + A A + M + + A A + A A + + M + M + + + +
Special Senses System	
Eye	
Harderian gland	
Adenoma	
Urinary System	
Kidney	+ + + A + + + + + + + + + + A + + + + + +
Adenocarcinoma	
Urinary bladder	A A + A + + + + + A + + + A A + A + + + + +
Systemic Lesions	
Multiple organs	+ +
Lymphoma malignant lymphocytic	
Lymphoma malignant mixed	

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